

**DATA SHEET**  
**Hsa-miR-330 fluoresceinated oligo probe**

<b>Catalog No.</b> <b>HM330-100</b>	<b>Description</b> One vial of 0.650 ml of probe in hybridization buffer
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**Analyte Specific Reagent. Analytical and performance characteristics are not established.**

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Doc. No. 932-HM330-100

Rev. B

Date of release: 17-Aug-2020

**Description**

The Hsa-miR-330 probe has been designed from mature human miR-330 sequence. This fluoresceinated probe is provided in a hybridization buffer for localization of miRNA in FFPE tissue by *In Situ* hybridization.

**Specifications**

The Hsa-miR-330 identifies mature miR-330 sequences in formalin-fixed, paraffin-embedded human tissues and/or freshly prepared frozen tissues by *in situ* hybridization. This probe does not react with normal human mRNA or nuclear DNA present in tissues.

**Storage and Handling**

Store the reagent at 2-8 °C. Do not freeze. Do not use the reagent after expiration date on vial. The reagent must be brought to room temperature before use. (Important! The presence of precipitates induces background staining).

**Precautions:**

For professional use the probe contains formamide. Formamide is classified as a teratogen. Pregnant workers should keep exposure to a minimum. Avoid inhalation, ingestion, and contact with unprotected skin. If skin contact occurs, wash thoroughly with soap and water. For more information, refer to the Material Safety Data Sheet, which is available upon request.

**Quality Control**

Each lot of this micro RNA probe is tested by *In Situ* hybridization for Quality Control purposes. Refer to the BioGenex Quality Control Testing Conditions table for additional information.

**References**

1. Lee KH, Chen YL, Yeh SD, *et al*: microRNA-330 acts as tumorsuppressor and induces apoptosis of prostate cancer cells through E2F1-mediated suppression of Akt phosphorylation. *Oncogene* 28: 3360-3370, 2009
2. Mao Y, Chen H, Lin Y, Xu X, Hu Z, Zhu Y, Wu J, Xu X, Zheng X, Xie L (2013) microRNA-330 inhibits cell motility by downregulating Sp1 in prostate cancer cells. *Oncol Rep.* 2013 Jul;30(1):327-33
3. Yao Y, Xue Y, Ma J, Shang C, Wang P, Liu L, Liu W, Li Z, Qu S, Li Z, Liu Y (2014) MiR-330-mediated regulation of SH3GL2 expression enhances malignant behaviors of glioblastoma stem cells by activating ERK and PI3K/AKT signaling pathways. *PLoS One.* 2014 Apr 15;9(4):e95060.

**BioGenex Quality Control Testing Conditions**

<b>Parameter</b>	<b>Conditions used</b>
Control Tissue	Prostate, LYMPH NODE,TCC (FB-HM330)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues